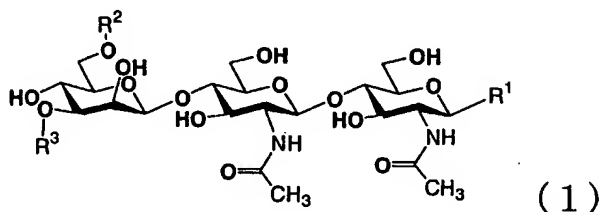


IN THE ABSTRACT OF THE DISCLOSURE:

An aminated complex-type oligosaccharide derivative, for example, of the formula (1)



wherein  $R^1$  is  $H-(CO)-CH_2X$ ,  $-NH-(CO)-(CH_2)_b-CH_2X$ , ~~isocyanate~~ isothiocyanate group,  $-NH-(CO)_a-(CH_2)_b-CO_2H$  or  $-NH-(CO)_a-(CH_2)_b-CHO$ ,  $X$  being a halogen atom,  $a$  being 0 or 1,  $b$  being an integer of 1 to 4,  $R^2$  and  $R^3$  are a hydrogen atom or a group of the formulae (2) to (5) and may be the same or different, except for the case where both  $R^2$  and  $R^3$  are hydrogen or the formula (5), and the case where one of  $R^2$  and  $R^3$  is a hydrogen atom, with the formula (5) serving as the other thereof.